Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DO 110269	ATTY DOCKET NO. 110269		APPLICATION NO. 09/682,230				
INFORMATION DISCLOSURE STATEMENT						Aco				
(Use several shoets Princessary) NOV 3 0 2001 PRADENIARY U.S. PATERIARY				APPLICANT(S) Ruth E. ROSENHOLTZ et al.						
			FILING I August 8,		11/0/	O9/682,230 PECHNOLOGY COMPANY SUB CLASS CLASS CLASS				
		TRADEMARK U.S. PA	TENT DOCU	ENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAM	E	CLASS	SUB CLASS			
			. ,		·	-				
	<u>. </u>	FOREIGN	PATENT DO	L CUMENTS						
· · · · · · · · · · · · · · · · · · ·							SUB			
		DOCUMENT NUMBER	DATE	COUNT	RY ————	CLASS	CLASS			
	1	OTHER DOCUMENTS (Include	ling Author,	Title, Date, Pertinent Page	es, etc.)					
	13)	Erick, S. G., Steffen, J.L., and Sumner, E.E. "Seesoft A Tool For Visualizing Line Oriented Software Statics," IEEE								
T.2		Transactions On Software Engineering Vol. 18, No. 11, November 1992								
*	14)	Ogden, W.C., Davis, M.W., and Rice, S. Document thumbnail visualizations for rapid relevance judgments: When do								
1,2.		they pay off? TREC 1998, pp. 528-34.								
	15)	U.S. Patent Application No. 09/682,231, filed August 8, 2001.								
T.Z.										
	16)	U.S. Patent Application No.09/682,229, filed August 8, 2001.								
T.Z.										
	17)	U.S. Patent Application No. 09/682,232, filed August 8, 2001.								
Tit.		21) Contraction for original new regime of 2001.								
EXAMINER The 31/6/04										
Examiner: Ir	nitial if	citation considered, whether or not citati	on is in con	formance with M.P.E.P.	609; draw line		on if not in			
L	onform	ance and not considered. Include copy of the	us form with	next communication to a	ppiicant.					

<u> </u>							Sheet	11	of 2	
					ATTY DOCKET NO. 110269			APPLICATION NO. 09/682,230		
(Use several sheets if necessary) NOV 3 0 2001			۱ [APPLICANT(S) Ruth E. ROSENHOLT et al. FILING DATE August 8, 2001						
							2			
		PROCEMARY.S.	PATE	NT DOCU	MENTS		0	CX.		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE 04/1998		NAME	Cholo	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	CLASS	SUB CLASS	
T2.		5,740,285			Bloomberg et al.		Co.	Se .	-	
T.2.		5,526,443	06/1996		Nakayama		TO,	.		
T2.	 	5,384,863	01/1995		Huttenlocher, et al.		•	8		
する		5,060,135	10/1991		Levine et al.					
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)										
	1)	Ayers, E. and Stasko, J. "Using Graphic History in Browsing the World Wide Web", Proc. 4th Intl. WWW Conf., Boston,								
丁.2.		December 1995.								
	2)	Hightower, R., Ring, L., Helfman, J., Bederson, B., and Hollan, J. "Graphical Multiscale Web Histories: A Study Of								
T.2.		BadPrints, Proc. Hypertext '98, 1998, pp. 58-65.								
T 2	3)	Kopetzky, T. and Mühlhäuser, M. "Visiual Preview for Link Traversal on the WWW," Proc. 8 th Intl. WWW Conference,								
T. Z.		Toronto, Canada, May 1999, pp. 447-454.								
	4)	Cockburn, A., et al. "WebView: A Graphical Aid for Revisiting Web Pages," Proc. OZCHI '99 Australian Conf. On HCI,								
下.7.		Wagga Wagga, Australia, Nov. 1999.								
- A	5)	Wynblatt, M. and Benson, D. "Web Page Caricatures: Multimedia Summaries for WWW Documents," Proc. IEEE Intl.								
T.Z.		Conf. On Multimedia Computing and Systems, Austin, TX, June, 1998, pp. 194-199.								
	6)	Olston, C. and Chi, E. "Scent Trails: Integrating Browsing and Searching on the World Wide Web," Submitted to SIGCHI								
7.7. 2001.										
T.T.	7)	Card, S. K., Mackinlay, J.D., and Shneiderman, B. "Information Visualization: Using Vision to Think," Morgan-								
		Kaufmann, San Francisco, 1998, pp. 306-309, 311, 331-332, 341-342, 381.								
	8) Hearst, M., "Title Bars: Visualization of Term Distribution Information in Full Text Information Access," Proceed							ceedings		
T-2.		Of CHI '95, ACM Conference on Human Factors in Computing Systems, pp. 59-66.								
T2.	9)	Helfman, J.I. "Mandala: An Architecture for Using Images to Access and Organize Web Information," Proceedings of								
		Visual '99, Visual Information and Information Systems, Third International Conference, 1999, pp. 163-170.								
T.2.	10)	Boguraev, B., Kennedy, C. Bellamy, R., Brawer, S. Wong, Y.Y., Swartz, J. "Dynamic Presentation of Document Content								
		For Rapid On-Line Skimming," AAAI Spring 1998 Symposium on Intelligent Text Summarization, Stanford U, 1998.								
T. 7.	11)	Graham, J. "The Reader's Helper," Proceeding of the CHI 99 Conference on Human Factors in Computing Systems: The								
		CHI is the limit, May 1999.				,				
P. Z.	12)	Chiou, T. et al. "Perceptual Thumbnail", http://www.media.mit.edu/~dc/research/thumbnail/chi98.htm/, March 1999.								
								<u> </u>		
EXAMINER	1	They Then			D	ATE CO	ONSIDI 3	ERED 10 L		
Examiner: I	nitial if	citation considered whether or not cance and not considered. Include copy of	itation	is in con	formance with M.P.E.P. 60	9; draw	line th	rough citat	tion if not in	
l	OIIIOLI	ance and not considered. Include copy (or mile	Williamini	none communication to appli	<u></u>				

Sheet 1 ___ of 1 Form PTO-1449 US Dept. of Commerce ATTY DOCKET NO. APPLICATION NO. PATENT & TRADEMARK OFFICE (REV. 8-83) 110269 09/682,230 MFORMATION DISCLOSURE STATEMENT veral sheets if necessary) APPLICANTS Ruth E. ROSENHOLTZ et al. FILING DATE August 8, 2001 U.S. PATENT DOCUMENTS **EXAMINER** SUB INITIAL DOCUMENT NUMBER DATE NAME **CLASS CLASS** T, Z. 6,310,633 B1 10/2001 Graham 6,369,811 B1 04/2002 Graham et al. D454,883 S 03/2002 Graham D453,938 S 02/2002 Graham Technology Cehter 2100 FOREIGN PATENT DOCUMENTS SUB DOCUMENT NUMBER DATE COUNTRY **CLASS** CLASS OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

DATE CONSIDERED

Examiner:

Initial if citation on sidered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: April 19, 2002

					Sheet	1	of <u>1</u>
Form PTO-1449 (REV. 8-83)		US Dept. of Commerce ATTY DOCKET NO. PATENT & TRADEMARK OFFICE 110269			APPLICATION NO. 09/682,230		
INFOR	RMATION DISCLOSURE STATEMENT						
(Use several sheets if necessary) AUG 0 1 2002			PPLICA	ANT(S) OSENHOLTZ et al.			
			ILING I ugust 8				
		PATEN	r docu	IMENTS		,	
EXAMINER INITIAL	DOCUMENT NOMBER	DA	DATE NAME		-	CLASS	SUB CLASS
			<u>-</u> .				
		<u> </u>	<u>.</u>	REC	JE	VEI)
				·		2002	
							100
				Technolo	ogy (enter 2	100
	,		,				
	FOREIG	N PATI	ENT DO	CUMENTS		I	
	DOCUMENT NUMBER	DA	TE	COUNTRY		CLASS	SUB CLASS
· · · · · · · · · · · · · · · · · · ·							
			····				
	OTHER DOCUMENTS (Incl.	luding A	uthor	 		<u> </u>	
T.2	Thomas ERICKSON et al.; Social Transactions on Computer-Human Inter	slucenc	e: An A	pproach to Designing Systems that Su	ipport S	Social Proce	esses; ACM
	-						

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

Date: August 1, 2002

EXAMINER